

Recombinant Full Length Pig L-Gulonolactone Oxidase(Gulo) Protein, His-Tagged

Cat. No. RFL12018SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig L-gulonolactone oxidase(GULO) Protein (Q8HXW0) (2-440aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-440)
Form	Lyophilized powder
AA Sequence	VHGHKGVKFQNWAKTYGCCPEMYQPTSVEEIREVLALARQQNKRVKVVGGGHSP SDIAC TDGFMHMGKMNRVLKVDMEKKQVTVEAGILLADLHPQLDKHGLALSNLGA VSDVTAGGV IGSGTHNTGIKHGILATQVVELTLLTPDGTVLVCSESSNAEVFQAARV HLGCLGVILTVT LQCVLPQFHLQETTFPSTLKEVLNLDNLSHLKKSEYFRFLWFPHSEN VSVIYQDHTNKPPSS SANWFWDYAIGFYLLLEFLLWISTFVPGLVGWINRFFFWLLFN GKKENCNLSHKIFTYECR FKQHVQDWAIPREKTKEALLELKAMLEAHPKVVAHYPV EVRFRTRADDILLSPCFQRDSCY MNIIMYRPYGKDVPRLDYWLAYETIMKKVGGGRPH WAKAHNCTRKDFEKMYPFRKFCAIR EKLDPTGMFLNAYLEKVFY
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	GULO
Synonyms	GULO; L-gulonolactone oxidase; LGO; L-gulono-gamma-lactone oxidase; GLO
UniProt ID	Q8HXL0

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